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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/510,891	10/08/2004	Mika P. Mustonen	879A.0031.U1(US)	8568
29683	7590	07/14/2006	EXAMINER	
HARRINGTON & SMITH, LLP			ONI, OLUBUSOLA	
4 RESEARCH DRIVE			ART UNIT	
SHELTON, CT 06484-6212			PAPER NUMBER	
			2168	

DATE MAILED: 07/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/510,891	Applicant(s) MUSTONEN ET AL.	
	Examiner OLUBUSOLA ONI	Art Unit 2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/08/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14 and 16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-14 and 16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>10/08/2004</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to communications: Application filed on 10/08/2004
2. Claim 15 has been canceled

Specification

3. The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (f) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).

- (I) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

Title

4. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-14 and 16 rejected under 35 U.S.C. 102(e) as being anticipated by Boroumand et al. (Pub No: U.S 2002/0156870) hereinafter "Boroumand"

For claim 1, Boroumand teaches "a method for making it easier to process user specific information at an information processing device, which method uses a network browser installed on said information processing device for searching, processing and presenting information, the network browser comprising at least an address field and

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virtual function keys associated with it, wherein the address field and virtual function keys are modified so as to be in accordance with the service used at that time" (See paragraph [0007], [0014], [0022])

For claim 2, Boroumand teaches "wherein the modification of the address field and virtual keys is based on data input in the network browser address field"(See paragraph [0007])

For claim 3, Boroumand teaches "wherein the information processing device is connected via a communications network to a service provider's server to control the modification of the address field and virtual keys so as to be in accordance with the service used" (See paragraph [0082])

For claim 4, Boroumand teaches "wherein the network browser at the information processing device is used to open a service provider's www page to control the modification of the address field and virtual keys so as to be in accordance with the service used" (See paragraph [0035])

For claim 5, Boroumand teaches "wherein data input fields on the www page are filled out by entering information in the service specific address field created for the network browser at the information processing device"(See paragraph [0014])

For claim 6, Boroumand teaches “an address field with associated virtual function keys belonging to a network browser installed at an information processing device, wherein the address field with the virtual function keys is arranged so as to be modified according to the service used at a given moment” (See paragraph [0013])

For claim 7, Boroumand teaches “wherein the address field and virtual keys are arranged to be modified according to the currently used service on the basis of information entered in the address field of the network browser”(See paragraph [0007])

For claim 8, Boroumand teaches “wherein said service used is one of the following: telephone service, calculator, payment, information search, game, machine translation, message sending, or processing of map information”(See paragraph [0030])

For claim 9, Boroumand teaches “wherein the virtual keys of the network browser are modified so as to make the use of the service easier”(See paragraph [0035])

For claim 10, Boroumand teaches “Software means for realizing a network browser according to claim 6 at an information processing device” (See paragraph [0006])

For claim 11, Boroumand teaches “Software means according to claim 10 for realizing a network browser, stored on a data storage medium”(See paragraph [0031], [0039-0040])

For claim 12, Boroumand teaches "a www page at a server connected to a communications network, the www page comprising software means for modifying a network browser address field and associated virtual function keys, which network browser is intended for using the www page, so that they are in accordance with the service provided on the www page"(See paragraph [0039-0042])

For claim 13, Boroumand teaches "wherein the address field and the virtual function keys associated with the www page are arranged to be modified so as to be in accordance with the service on the basis of information entered in the address field of the www page displayed on the network browser at the terminal"(See paragraph [0051])

For claim 14, Boroumand teaches "a communications network terminal, comprising means for receiving data, means for transmitting data, control unit for the terminal, memory, and a user interface for the terminal, the control unit for the terminal comprising software means for modifying the user interface for the terminal so as to be in accordance with the service used; wherein an address field and virtual keys of a network browser belonging to the user interface are arranged so as to be modified in accordance with the service on the basis of information entered in the address field of the network browser" (See paragraph [0050], [100], [101], [0106])

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For claim 16, Boroumand's teachings "include a terminal of a cellular network" (See paragraph [0029-0030], [0038], [0106])

Conclusion

~~7.~~ Any inquiry concerning this communication or earlier communications from the examiner should be directed to OLUBUSOLA ONI whose telephone number is 571-272-2738. The examiner can normally be reached on 7.30-5.00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, TIM VO can be reached on 571-272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


KHANH B. PHAM
PRIMARY EXAMINER

OLUBUSOLA ONI
Examiner
Art Unit 2168